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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/052,278	03/30/1998	MICHAEL B. ROBIN	MSI-206USC1	8962

22801 7590 03/11/2002

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EXAMINER

HARRISON, CHANTE E

ART UNIT PAPER NUMBER

2672

DATE MAILED: 03/11/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.  
09/052,278

Applicant(s)  
Robin

Examiner  
Chante' Harrison

Art Unit  
2672



-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on Jan 23, 2002.
- 2a) ☒ This action is FINAL. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-8 is/are pending in the application.
- 4a) Of the above, claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 2 and 4 is/are allowed.
- 6) ☒ Claim(s) 1, 3, and 5-8 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claims \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are objected to by the Examiner.
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved.
- 12) ☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. § 119

- 13) ☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).
- a) ☐ All b) ☐ Some\* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \*See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

## Attachment(s)

- 15) ☐ Notice of References Cited (PTO-892) 18) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 16) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 19) ☐ Notice of Informal Patent Application (PTO-152)
- 17) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s). \_\_\_\_\_ 20) ☐ Other: \_\_\_\_\_

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**DETAILED ACTION**

1. This action is responsive to communications: Request for Reconsideration, filed on 1/23/02.

***This action is made FINAL.***

2. Claims 1-8 are pending in the case. Claims 1 and 3 are independent claims. Claims 2 and 4 are allowed.

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***Claim Rejections - 35 USC § 103***

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1, 3, 5-8 are rejected under 35 U.S.C. 103(a) as being unpatentable over McLaughlin et al., U.S. Patent 5,570,108, 10/1996, 345/146.

As per independent claim 1, McLaughlin discloses providing a plurality of controls on a screen of a video display device (FIGS. 2-4), identifying a control group (col. 7, ll. 30 et seq.), the group comprised of at least two controls associated in a data structure (FIG. 4 ' 48-50', '60-63'; col 7, ll. 39-48), representing the control group with a single status indicator (col. 7, ll. 30 et seq.) directing the activation of the controls of the control group (col. 7-8, ll. 13-22), but fails to specifically disclose storing an active value for the group. However it would have been obvious to one of ordinary skill in the art at the time of invention to use the disclosure of McLaughlin because he teaches associating a group of controls, polling the status of the display to identify user commands in a system that utilizes random access memory. Additionally, the polling of the display status implies that the activation/deactivation of controls, as a group or individually, are stored.

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As per independent claim 3, McLaughlin discloses a memory (FIG. 1 '12'), the identifier having an active state and an inactive state (col. 7, ll. 12 et seq.), the identifier represents the controls of the control grouping (col. 7, ll. 12 et seq.), but fails to specifically disclose a control grouping identifier contained in memory. However it would have been obvious to one of ordinary skill in the art to use the disclosure of McLaughlin because he discloses the use of memory (FIG. 1 '12') and polling the display status to effect user commands (col. 8, ll. 10 et seq.) to activate a group of controls (col. 7, ll. 36 et seq.).

As per dependent claim 5, McLaughlin discloses storing an active value in a status indicator for each control (col. 7-8, ll. 30-23).

As per dependent claim 6, McLaughlin discloses masking the active value in the status indicator to deactivate the control (col. 7, ll. 49 et seq.).

As per dependent claim 7, the rejections as applied to dependent claims 5 and 6 are included herein.

As per dependent claim 8, McLaughlin fails to specifically disclose a control grouping identifier contained in memory, the identifier having an active state and an inactive state and the identifier represents the controls of the control grouping. However it would have been obvious to

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one of ordinary skill in the art to use the disclosure of McLaughlin because he discloses the use of memory (FIG. 1 '12') and polling the display status to effect user commands (col. 8, ll. 10 et seq.) to activate a group of controls (col. 7, ll. 36 et seq.).

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***Response to Arguments***

1. Applicant's arguments filed 1/23/02 have been fully considered but they are not persuasive. With respect to dependent claim 8, those claim features similar that are similar to those of independent claim 3 have been previously addressed. With respect to Applicant's arguments, McLaughlin discloses several groups of controls that are associated in a data structure (col. 8, ll. 49-59), which the Applicant discloses at page 10 of the Specification as being aggregated controls that are quickly activated and deactivated. Thus, McLaughlin's disclosure of a single control that once activated, activates a group of controls that allows user selection and manipulation of display parameters; and periodic polling of the display status and specific input relative to the individually activated controls within the group (col 8, ll. 10-15), identify a control group associated in a data structure having a single status indicator. Additionally, McLaughlin discloses a control group identifier contained in memory because he discloses a software feature that initiates the polling of grouped control status, which indicates that the status of the group controls is maintained in memory. Therefore the rejection is maintained.

2. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO

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MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

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***Conclusion***

Any inquiry concerning this communication or earlier communication from the examiner should be directed to Chante Harrison whose telephone number is (703) 305-3937.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael Razavi, can be reached at (703) 305-4713.

**Any response to this action should be mailed to:**

Commissioner of Patents and Trademarks

Washington, D.C. 20231

**or faxed to:**

(703) 872-9314 (for Technology Center 2600 only)

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive,  
Arlington, VA, Sixth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is (703) 306-0377.



**MATTHEW LUU  
PRIMARY EXAMINER**